

## **SOLID STATE SWITCH FOR ARC WELDING**

### **ABSTRACT OF THE DISCLOSURE**

A solid-state contactor for an arc welder is provided. The contactor includes a processor assembly configured to generate a logical signal. The processor assembly includes  
5 an output and a processor. The processor is configured to generate the logical signal at the output. A switch is configured to conduct electrical current from a power source to a wire conductor in response to the logical signal at the output.




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